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Routers, Switchers And Master Controls Market Size, Share & Trends Analysis Report By Product (Routers, Switches, Master Control Switchers), By Technology (Wired, Wireless, Hybrid), By End-user, By Application, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

This report can be delivered to the clients within 3 Business days

Market Size & Trends

The global routers, switchers, and master controls market size was estimated at USD 58.25 billion in 2024 and is expected t%li%grow at a CAGR of 6.4% from 2025 t%li%2030. The growth of this market is fueled by increasing demand for high-speed and fault-tolerant connectivity across commercial, industrial, and public infrastructure sectors. With the rise in data consumption, reliance on cloud computing, and the expansion of edge computing use cases, the adoption of network infrastructure is accelerating. Companies in various industries, including IT, manufacturing, and transportation, are investing in robust networking hardware t%li%facilitate seamless communication, automated systems, and enable real-time decision-making. In addition, government initiatives focused on digital transformation and the development of smart infrastructure are further boosting the use of routers, switches, and master control systems in both developed and emerging markets.

One prominent trend shaping the market is the shift towards hybrid networking environments. Organizations are increasingly adopting a blend of wired and wireless technologies t%li%combine the reliability of fixed networks with the flexibility of wireless

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systems. This shift is particularly evident in remote working and edge computing applications, where network scalability and decentralized data processing are essential. New wireless standards, such as Wi-Fi 6/6E and 5G, are facilitating faster and lower-latency wireless communication, driving the demand for next-generation routing and switching solutions that support these advanced protocols.

Another rising trend is the growing adoption of AI-driven and cloud-managed network solutions. Businesses are integrating smart routers and switches that utilize analytics, automated configuration, and remote management features t%li%optimize network performance and reduce operational costs. This is especially relevant for data centers and organizations with multiple sites that experience significant data traffic. The increasing incorporation of cybersecurity measures int%li%networking equipment is als%li%gaining attention, particularly in sectors such as government and finance, where secure data transmission is critical. This trend is likely t%li%influence procurement strategies in the coming years.

Key players in the market, such as Cisc%li%Systems, Juniper Networks, Huawei, and Arista Networks, are offering a diverse range of routers, switches, and control systems designed for enterprise, telecommunications, and industrial applications. Recent developments highlight a focus on intelligent switching platforms, 800G-capable systems, and energy-efficient network infrastructure. For instance, Cisc%li%introduced a new series of smart switches tailored for AI workloads and hybrid data centers in 2025. Similarly, Huawei and HPE are enhancing capabilities for wireless access and cloud-based network orchestration. In addition, Broadcom and Fortinet are making strides through innovations at the silicon level and integrated security features, reflecting the market's evolution toward scalable, intelligent, and secure connectivity solutions.

Global Routers, Switchers And Master Controls Market Report Segmentation

This report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 t%li%2030. For the purpose of this study, Grand View Research has segmented the global routers, switches, and master controls market report on the basis of product, technology, end-user, application, and region:

Product Outlook (Revenue, USD Million, 2018 - 2030)

Routers

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Switches

Master Control Switchers

Technology Outlook (Revenue, USD Million, 2018 - 2030)

Wired

Wireless

Hybrid

End-user Outlook (Revenue, USD Million, 2018 - 2030)

Residential

Commercial

Industrial

IT & Data Centers

Manufacturing

Retail

Transportation & Logistics

Data Center Fabric

Public Infrastructure

Others

Government & Defense

Application Outlook (Revenue, USD Million, 2018 - 2030)

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Core Networking

Edge Computing

Data Center Fabric

Media Production

Industrial Control

Public Infrastructure

Regional Outlook (Revenue, USD Million, 2018 - 2030)

North America

U.S.

Canada

Mexic%li%

Europe

Germany

UK

France

Asia Pacific

China

Japan

India

South Korea

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Australia

Latin America

Brazil

Middle East & Africa (MEA)

Saudi Arabia

UAE

South Africa

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